



501.43246X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): KUNIMATSU, et al

Serial No.: 10/726,514

Filed: December 4, 2003

For: DISPLAY DEVICE

Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 19, 2004

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

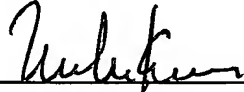
This information disclosure statement is being submitted within three months of the filing date.

To the extent that, the documents listed on the attached form equivalent to Form PTO-1449, are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language translation and/or abstract of the document.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (501.43246X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Melvin Kraus', is written over a horizontal line.

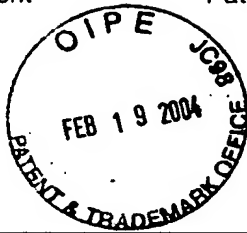
Melvin Kraus  
Registration No. 22,466  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee  
Attachments  
(703) 312-6600

Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 501.43246X00  
Serial No. 10/726,514  
Applicant: KUNIMATSU, et al  
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Group:



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
11-072793	3/99	Japan		(abstract)
2000-284290	10/00	Japan		(abstract)
2000-047217	2/00	Japan		(abstract)
2002-014353	1/02	Japan		(abstract)

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

"Measurement of Helical Pitch and the Twist Direction of Cholesteric Liquid Crystal", Japanese Document, pps. 226-228 and translation thereof

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.